

AMENDMENTS TO THE CLAIMS

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Original) An X-ray intensifying screen comprising an opaque support carrying on one side a phosphor layer comprising a prompt emitting phosphor and on the other side of the support a layer containing an X-ray absorbing pigment selected from the groups consisting of alkaline earth compounds, Zn compounds, rare earth compounds, compounds comprising tungsten, compounds comprising tantalum, and titanium compounds.
13. (Currently Amended) An X-ray intensifying screen according to claim 12, wherein said pigment is selected from the group consisting of ZnO, BaSO₄, CaWO₄, PbO, ~~Gd₂O₂~~ Gd₂O₃, ~~YTaO₄~~ YTaO₄, BaFBr, LaOBr, ZnS and TiO₂.
14. (Original) A method for radiography, comprising the steps of:

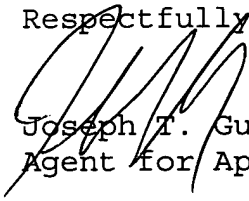
- providing a cassette with a front and back side containing an intensifying screen near said backside and an X-ray film with an emulsion layer in contact with said intensifying screen and a compensation element between said intensifying screen and said backside,
 - exposing a patient, placed between an X-ray source and said front side of said cassette, by having said X-ray source emitting X-rays,
 - registering an X-ray dose in a phototimer placed behind said backside of said cassette and
 - having said phototimer end said exposure of said patient when a threshold X-ray dose has been absorbed by said phototimer.
- 15.(Original) A method according to claim 14, wherein said X-ray source emits X-rays having an energy between 20 and 50 kVp.

REMARKS

Claims 12-15 are pending in the present application. Review on the merits is respectfully requested.

Respectfully submitted,

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